

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Kuo et al.

Application No.: 09/802,434

Filed: March 9, 2001

Title: SWITCH FABRIC WITH BANDWIDTH  
EFFICIENT FLOW CONTROL



Attorney Docket No.: PETAP002

Examiner: Cho, H.

Group: 2662

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on February 7, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

*Lara M. Nelson*  
Lara M. Nelson

**INFORMATION DISCLOSURE STATEMENT  
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, may be material to examination of the above-identified patent application. Applicants identify these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

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Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☒ the fee set forth in 37 CFR 1.17(p).

**[37 CFR §1.97(e) Statement, if relied upon]**

The undersigned hereby states:

- ☐ that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Information Disclosure Statement; or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

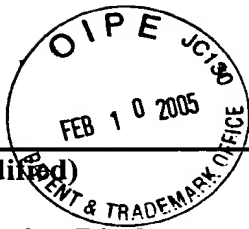
If fees are due, enclosed is our Check No. 25143 for \$240.00 which includes the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. PETAP002).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



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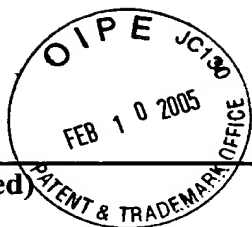


<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. PETAP002	Application No.: 09/802,434
	Applicant: Kuo et al. Filing Date March 9, 2001	Group 2662

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	A	2002/0012340	01/2002	Kalkunte et al.			
	B	2002/0012341	01/2002	Battle et al.			
	C	2002/0013621	09/2002	Battle et al.			
	D	2002/0027908	03/2002	Kalkunte et al.			
	E	2003/0097467	05/2003	Sano			
	F	2003/0118016	06/2003	Kalkunte et al.			
	G	2003/0198231	10/2003	Kalkunte et al.			
	H	4,965,788	10/1990	Newman			
	I	5,467,347	11/1995	Petersen			
	J	5,544,168	08/1996	Jeffrey et al.			
	K	5,703,879	12/1997	Proctor et al.			
	L	5,790,539	08/1998	Chao et al.			
	M	6,067,286	05/2000	Jones et al.			
	N	6,147,996	11/2002	Laor et al.			
	O	6,246,692	06/2001	Dai et al.			
	P	6,438,106	08/2002	Pillar et al.			
	Q	6,438,132	08/2002	Vincent et al.			
	R	6,535,510	03/2003	Kalkunte et al.			
	S	6,542,507	04/2003	Khacherian et al.			
	T	6,747,971	06/2004	Hughes et al.			
Examiner				Date Considered			

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	U	6,567,417	05/2003	Kalkunte et al.			
	V	6,603,771	08/2003	Raza, S. Babar			
	W	6,658,016	12/2003	Dai et al.			

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	X	M. Shreedhar and George Varghese, "Efficient Fair Queuing Using Deficit Round-Robin", IEEE/ACM Transactions on Networking, Vol. 4, No. 3, June 1996.
	Y	Nick McKeown, "iSLIP: The iSLIP Scheduling Algorithm for Input-Queued Switches", IEEE/ACM Transactions on Networking, Vol. 7, No. 2, pp. 188-201, April 1999.
	Z	Kenneth Y. Yun, "A Terabit Multi-Service Switch With Quality Of Service Support", HOT Interconnect 8, pp. 21-30, August 2000.
	A1	Nick McKeown, "Fast Switched Backplane for a Gigabit Switched Router", Department of Engineering, Stanford University, Stanford, CA
	B1	Prabhakar et al., "Multicast Scheduling for Input-Queued Switches", IEEE Journal on Selected Areas in Communications, May 1996.
	C1	McKeown et al., "The Tiny Tera: A Packet Switch Core", Hot Interconnects V, Stanford University, August 1996.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.